

2016	Local Oscillator	August
	<h1>Local Oscillator</h1>	
Mesilla Valley Radio Club		

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Current Events			Table of Contents
Date	Event	Time	Branigan Cultural Center Club Program Club Roster Readability Reports Unclassified Club Meeting Minutes Board Minutes Treasurer Report Club Location Club Officers Membership Application
Sat	Informal at Cracker Barrel	6:00 AM	
M, W, F	Informal Wal-Mart (West)	10:00 AM	
Wed	MVRC Net 146.64	6:45 PM	
Aug 6	Coffee Club House	8 AM	
Aug 6	Business meeting Club House	9 AM	
Aug 2	Builder's Group Club House	7 PM	
Aug 10	Board Meeting Club House	7 PM	
Aug 16	Linux -SIG Club House	7 PM	
Aug 23	Builders Group Club House	7 PM	
Aug 30	Linux - SIG Club House	7 PM	
Aug 12-14	State Hamfest	See dukcityham-fest.org	
For more events see http://www.n5bl.org/calendar			



Southwest Antennas & Accessories

More information at <http://swantenna.com>

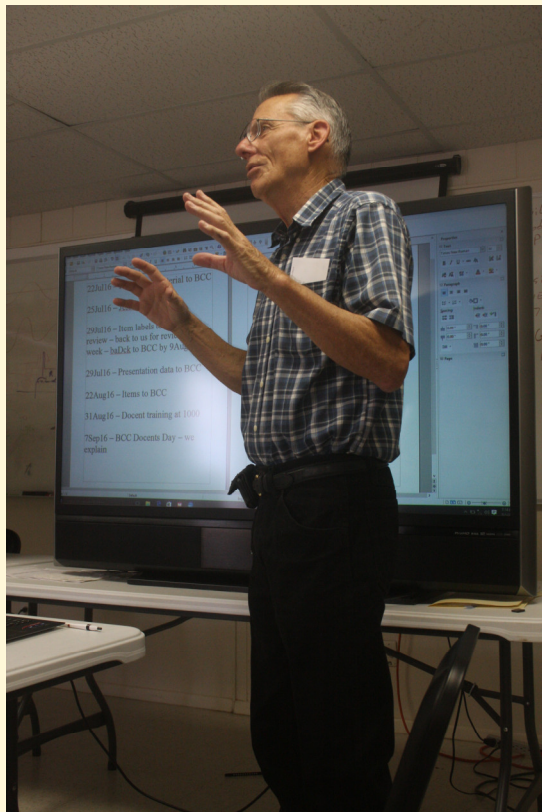
**KF5KHJ**

The Articles for This Month

Branigan Cultural Center Exhibit.

The photograph shows KF5KHL, Margaret Bernstein, as she attends one of the planning meetings for the club's exhibit at the Branigan Cultural Center in September. Months of planning have gone into this event. There have been many meetings between Cultural Center personnel, Kf5 FHJ and N5CWW, Charlie Welsh as well as almost weekly meetings at the club house, for those members creating parts of the display.

The exhibit will deal with the history of radio and with radio in the Mesilla Valley. In addition of visual displays, there will be talks, live hams in the exhibit to explain features and answer questions. There will be interactive displays and even live QSOs. Much more help will be needed to supply hams to be present and for hams to monitor the repeaters at home to make sure that there will be somebody to help supply a real live QSO on demand.



N5CWW, Charlie, stands in front of the TV screen in the club house explaining the current status of several of the displays being created for the exhibit.



Shown here is part of the exhibit created by KC5EVR, Richard, showing one aspect of amateur radio.

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Club Program

The program for the Saturday Club meeting will be a talk by KJ5NJ, Howard, who will talk on the electromagnetic spectrum. His talk will include who, how, and when different portions of the EM spectrum were discovered. Likewise, his talk will include information about the birth of radio astronomy as well as show astronomical observations in IR, UV, X-ray, and Gamma-ray. Moreover, he will explain, as did James C. Maxwell, that all parts of the EM spectrum, including white light, are just different manifestations of the same phenomenon.

KJ5NJ recently retired from the astronomy department at NMSU. Where he worked for 12+ years as a 2.5-meter telescope operator for the Sloan Digital Sky Survey at the Apache Point Observatory in Sunspot, NM. For more details see the link below:

https://en.wikipedia.org/wiki/Howard_J._Brewington

Club Roster

A new and up to date [roster of club members](#), listed by name and by call sign, is available. You are urged to print it out for ease of reference.

5...4...3...2...1: Readability Reports

KB6NU

I'm big on Twitter. It connects me to a lot of interesting amateur radio operators, and I find a lot of food for thought there. Yesterday, I saw the following Tweet: Charlie – M0PZT @M0PZT Blog updated: RST and Speed Matters <http://www.m0pzt.com/blog/rst-and-speed-matters/> #hamradio.

Being a CW geek, of course I was interested. Charlie's point is that if you get a bad report, you probably should send more slowly. I certainly have no argument with that. What I do take a little bit of an issue with is that Charlie says, "A Readability 4 report should really make it known that information needs to be brief, but repeated – Certainly no ANT/RIG/WX waffle!" According to most sources, Readability 4 means, "Readable with practically no difficulty." When I receive an R4 report, I might slow down a little, but it doesn't mean to me that I have to cut the contact short or repeat information over and over. I replied on Twitter that if the operator at the receiving station is having so much trouble copying, then the report should probably be 319 or even 219. Of course, RST reports are open to interpretation. With that in mind, I thought I'd explain a little more fully how I decide what Readability report to give:

R5: Perfectly readable. To me, this means that copying a signal is no work at all, and that it sounds like it's coming out of a code practice oscillator. I can put my feet up on the desk or putter around the shack while I'm ragchewing with the other operator

R4: Readable with practically no difficulty. "Practically no difficulty" is the key phrase here. There may be some QRN or QSB on this signal, and I have to pay

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some attention while copying. An R4 is still solid copy, though, and ragchewing is definitely possible.

R3: Readable with considerable difficulty. A signal that rates an R3 needs my full attention. I have to work at copying the signal, and even then, might miss characters here and there. Even though I don't copy every single character, I'm able to fill in the gaps. An R3 signal might not be good enough for a ragchew, and repeating information is probably a good idea.

R2: Barely readable, occasional words distinguishable. A signal that rates an R2 is usually so weak that it's below the noise level or drops below the noise level occasionally. At this level, the contact will definitely be brief and any important information, such as the call sign needs to be repeated.

R1: Unreadable. Generally, I would never give out this report, as I would never attempt making contact if a signal was truly unreadable.

Although my explanations above reflect the fact that I'm primarily a CW operator, I think they also apply to phone or even digital contacts. For example, an R5 for a phone contact would mean that the sounds like it could be coming from just down the street or coming through the local repeater.

What do you think? How do you decide what Readability report to give?

Unclassified

1 PM to 4 PM Saturday August 6 Estate Equipment sales at Robert Truitt's house... Please come and select your treasures.

Monthly Club Meeting

No meeting held

Monthly Board Meeting

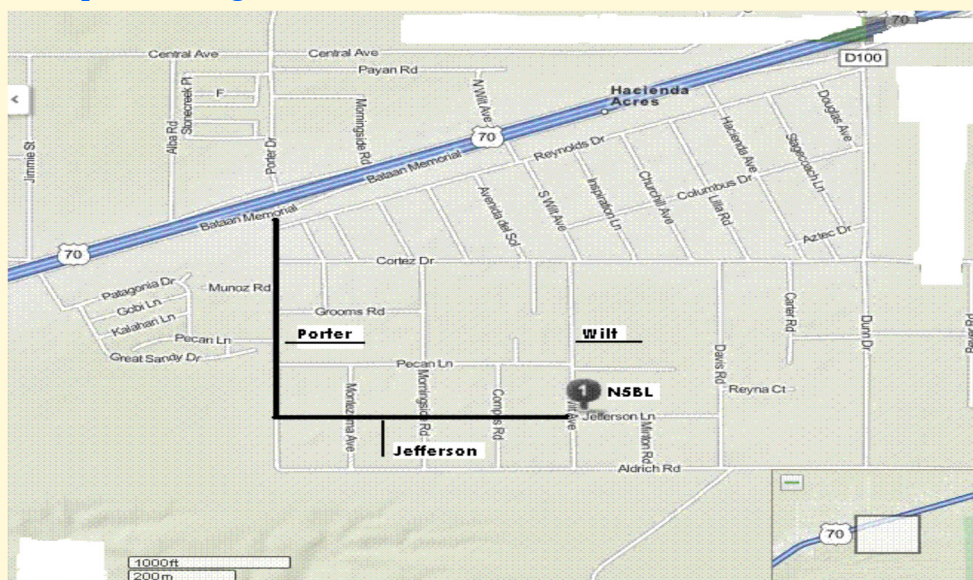
No meeting held

Treasurer Report

Not available

CLUB INFORMATION

The MVRC Clubhouse is located at the intersection of Wilt and Jefferson. To find the clubhouse, set your destination on your GPS receiver as 32 degrees 22.961 minutes and -106 degrees 41.44 minutes. If you don't own a GPS, take the Porter exit near the firehouse on US 70. It is about 5 miles east from the I 25 interchange. Go south on Porter until you come to Jefferson. There turn left toward the mountains and go to Wilt. You will see the beam on the corner. The treasurer would be delighted to receive your contribution for landscaping and furnishing. More information at <http://n5bl.org>



Officers

Office	Name	Call	Phone	E-Mail
President	Sven Breden	K5SHB	655-0414	sven.breden@gmail.com
VP				
Secretary	Howard Brewington	KL5NJ		comet_brewington@msn.com
Treasurer	Hugo Costa	N1MEX	644-9211	n1mex@arrl.net
Board Members				
	Cash Olsen	KD5SSJ	382-1917	kd5ssj@arrl.net
	Bob Bennett	AD5LJ	382-0148	rpbennett1@comcast.net
	Alex. Burr	K5XY	522-2528	k5xy@arrl.net
	Robert Truitt	KE5OFK	649-4173	robhtruitt@zianet.com
	George Kopp	KD5OHA	649-5903	geokd5oha@yahoo.com
	Terry Wood	KF5SMQ		

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JOIN THE CLUB

To join the Mesilla Valley Radio Club, renew your membership, or to support the repeaters, please print, cut out, and complete the form below. Send it with dues (\$35 single, \$45 family per year. to: Treasurer, MVRC, Box 1443, Las Cruces, NM 88004.

MESILLA VALLEY RADIO CLUB

CALL SIGN(S) _____ FAMILY yes _____ no _____

LICENSE CLASS (E, A, G, T, N) _____

ARRL (Y/N) _____

ARRL VE (Y/N) _____

Would you like to be added to the MVRC reflector? _____

NAME _____

EMAIL _____

STREET ADDRESS _____

CITY & ZIP _____ PHONE _____ (OPTIONAL)

INTERESTS – Computer _____ Contests _____ Digital _____ Elmer _____ Emergency Communications _____ Field Day _____

Packet _____ Programs _____ Public Service _____ Publicity _____ RFI _____ Repeater _____ Social _____ License Classes _____

Teach License Classes _____ Volunteer Examiner _____ Other _____

SINGLE \$35 FAMILY \$45